

ARG43490 anti-Galectin 3BP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Galectin 3BP
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Galectin 3BP
Species	Human
Immunogen	Synthetic peptide corresponding to internal region of human nephrin.
Conjugation	Un-conjugated
Alternate Names	M2BP; Mac-2 BP; Galectin-3-binding protein; Mac-2-binding protein; TANGO10B; Basement membrane autoantigen p105; MAC-2-BP; Tumor-associated antigen 90K; BTBD17B; MAC2BP; gp90; 90K; Lectin galactoside-binding soluble 3-binding protein; CyCAP

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	75 kDa	

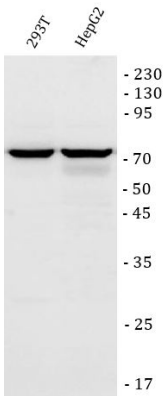
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

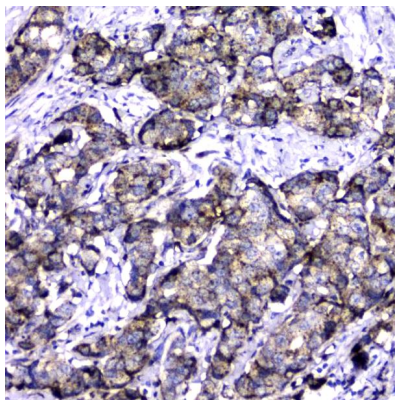
Gene Symbol	LGALS3BP
Gene Full Name	lectin, galactoside-binding, soluble, 3 binding protein
Background	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. [provided by RefSeq, Jul 2008]
Function	Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells. [UniProt]
Calculated Mw	65 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Extracellular matrix; Secreted. [UniProt]

Images



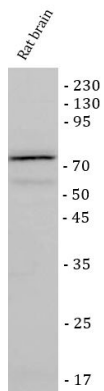
ARG43490 anti-Galectin 3BP antibody WB image

Western blot: 293T and HepG2 stained with ARG43490 anti-Galectin 3BP antibody at 0.5 µg/ml dilution.



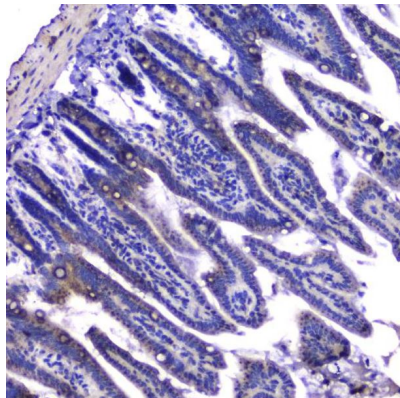
ARG43490 anti-Galectin 3BP antibody IHC-P image

Immunohistochemistry: Human mammary cancer stained with ARG43490 anti-Galectin 3BP antibody at 2 µg/ml dilution.



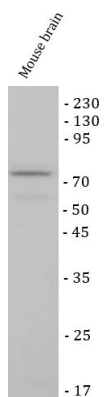
ARG43490 anti-Galectin 3BP antibody WB image

Western blot: Rat brain stained with ARG43490 anti-Galectin 3BP antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG43490 anti-Galectin 3BP antibody IHC-P image

Immunohistochemistry: Mouse small intestine stained with ARG43490 anti-Galectin 3BP antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG43490 anti-Galectin 3BP antibody WB image

Western blot: Mouse brain stained with ARG43490 anti-Galectin 3BP antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.